

FROWEIN GMBH & CO. KG

Detmol-flex

Use

Control of hygiene and material pests such as cockroaches, ants, silverfish, golden spider beetles, flies, mosquitoes, wasps, moths, etc.

National regulations for application and trading have to be observed.

Type

Spray can (AE), 750 ml.

Active Ingredients

Permethrin (12,1 g/kg) + pyrethrum extract 25 % (24,2 g/kg).

Mode of Action

Strong flushing and rapid knockdown effect after contact with spray droplets. Lasting residual effect by contact with spray deposit.

Special Features

- High pressure and special components effect a dry fog and ultra fine aerosol-particles and an airborne mist.
- Multi-purpose due to the specific combination of the active ingredients.
- Flexible adaptation to different methods of control due to three different discharge nozzles.
- Tested according to § 18 Protection against infection Act and approved for officially directed disinfestations (German cockroaches). Official identification number B-0056-00-00.

Dosage

Crawling insects: 1 can for about 500 m³.
Flying insects: 1 can for about 3000 m³.

Method of Control

Choose the best-suitable discharge nozzle for the desired method of control according to the above-mentioned schedule.

Detmol-flex is supplied with discharge nozzle „P“.

Attachment of discharge nozzle „A“

Bend the lever of the discharge nozzle upwards. Press discharge nozzle evenly on the bulge of the valve disc. Do not buckle valve cone.

Attachment of discharge nozzle „I“

Put discharge nozzle on valve cone and press it down gently.

Application

Crawling insects

Expose hiding places of crawling insects if possible. Spray all infested, suspected or endangered locations and their surroundings (discharge nozzle „I“). Do not wet sensitive surfaces (for example polishes, varnishes, some plastics, carpeted floors). Spray sparingly at a distance of 1 m or more.

Test sensitive objects on unobtrusive places.- Then distribute mist evenly (discharge nozzle „P“ or „A“). Windows, doors, etc. must be kept closed for at least 3 hours. Afterwards ventilate room thoroughly. Deposit has residual effect and protects from hatching or invading pests.

Cockroaches

Cockroach infestations are controlled best in the evening. Detmol-flex should be allowed to act overnight. A repeat treatment is necessary in any case after 5 weeks (German cockroaches) respectively 5 months (Oriental cockroaches and other large cockroaches).

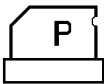
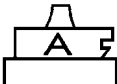
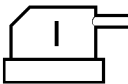
Cockroaches prefer warm and dark hiding places near water and food, for example cracks, crevices and hollow spaces near stoves, refrigerators, sinks and other sources of heat, washbowls, tiles, cupboards, shelves, wainscots, door panel linings, baseboards and the like.- Pay also attention to cutting through for pipes, ceiling beams, shafts, palettes, cases, etc.

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Choice of discharge nozzle and time of spraying per 100 m³ volume

Discharge nozzle	Power spray	Automatic spray	Injection
	 <p>Fast and even distribution also in large rooms with a far reaching spray.</p>	 <p>Automatic space spray or effortless continuous spraying with sparing spray.</p>	 <p>Injection and spraying of hiding places with extension tube.</p>
Spraying time per 100 m³ of volume			
Flying insects	approx. 5 sec.	approx. 8 sec.	as required
Crawling insects	approx. 30 sec.	approx. 50 sec.	as required

Flying insects

Distribute mist evenly in the room. In large rooms direct the spray upwards (discharge nozzle „P“). While misting withdraw to the exit or carry out an automatic space spray application.

Spray all infested and preferred places in order to achieve a residual effect.

Windows, doors, etc. must be closed for at least 3 hours. Afterwards ventilate room thoroughly.

Fleas

Hoover floors, carpets, upholstered furniture and the like before application. Pay attention to corners and edges. Put dust bag into a plastic bag, render it airtight and throw it away as soon as possible.

Pay attention to favoured places as for example sleeping places of pets. Take infested pets to a veterinary.

Fabric pests

The number of fabric pests is great. They can be divided into two groups according to the physiology of nutrition. Certain species of microlepidoptera (casemaking clothes moths and webbing clothes moths) and beetles as for example fur beetles, carpet beetles, bacon beetles, etc. belong to the first and most important group, the so-called „keratin-eater“. Golden spider beetles, silverfish, spider beetles, cockroaches, etc. belong to the second group, the so-called „omnivora animals“.

Usually fabric pests are introduced. In summer, carpet beetles, fur beetles and bacon beetles can fly into rooms, too.

Innate photophobia induces insects to stay in dark, protected places as for example cracks, crevices and hollow spaces. Textiles in storage are infested immediately. Insects leave the infested textiles and stop eating respectively only in case of disturbances or for pupation.

Spray sparingly all objects which have to be protected. Besides the killing effect the preparation has also a feed repellent effect.

Automatic space spraying

Place can with discharge nozzle „A“ on insensitive sheet in centre of room in elevated position (Arrest valve by pressing down discharge nozzle until it is locked). Leave area. In large or subdivided rooms (more than 200 m² and 500 m³ respectively) dispersion can be accelerated

by using ventilators or by changing the places of the can respectively by putting up more cans. Mist spraying can be interrupted by lifting up the strap with a screwdriver or the like. Do not overdose, room temperature not above 23 °C if possible.

Caution

May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of the reach of children and away from food, drink and animal feedingstuffs. Avoid every unnecessary contact with the product. Misuse may be harmful.

Wear suitable protective clothing, gloves and eye/face protection during application. In case of insufficient ventilation, wear suitable respiratory equipment with filter A1 – P3 (40 ASt). Do not breathe spray. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.

All persons except applicators have to leave the room.

Remove unpacked foodstuffs and feed, domestic cattle and animals as well as toys, exposed dishes and other commodities before application. Cover aquariums and terrariums (shut off ventilating system). Cover kitchen utensils, tables, benches and other surfaces on which food is laid down, prepared or consumed as well as clothing, seating furniture and other surfaces which are often contacted by skin or wash and clean them respectively before use with an alkaline detergent.

Do not widely apply the preparation in sickrooms, nursery schools, schools, living-rooms, offices, etc. but prefer spot spraying of all hiding-places and their immediate surroundings (discharge nozzle „I“).

Avoid contact with fresh, moist deposits. Keep away children and pets.

In case of application in living-rooms clean carpets once before application and at regular intervals after application.

Air rooms thoroughly before using them.

Official recommendation for pyrethroids:

In case of intensive skin contact (especially of the face) the product may cause a tickling sensation without external irritative symptoms. The occurrence of this irritation is a warning; discontinue use.

Get medical attention if symptoms persist or develop or if further symptoms occur.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – No smoking. 23 % by mass of the contents are flammable.

Prevent preparation or unused material from entering sewers.

Disposal

Wastes resulting from the use of this product are to be disposed at an approved waste disposal facility.

Completely empty packages are to be offered for recycling.

Packaging

Carton with 6 aerosol cans à 750 ml.

Use biocides safely. Always read the label and product information before use.



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